1645

+7
5-15-02
P. 2

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/022,554A

DATE: 03/13/2002
TIME: 09:27:40

Input Set : A:\PTO.VSK.txt
Output Set: N:\CRF3\03132002\J022554A.raw

```
 3 <110> APPLICANT: ETTENSON, David S.
 4        BURGESS, Wilson H.
 5        DROHAN, William N.
 6        MACIAG, Thomas
 8 <120> TITLE OF INVENTION: COMPOSITIONS, METHODS AND KITS RELATING TO THROMBIN
DEGRADATION RESISTANT
 9        FIBROBLAST GROWTH FACTOR-1
11 <130> FILE REFERENCE: 054474-5005
13 <140> CURRENT APPLICATION NUMBER: 10/022,554A
14 <141> CURRENT FILING DATE: 2001-12-17
16 <160> NUMBER OF SEQ ID NOS: 8
18 <170> SOFTWARE: PatentIn version 3.1
20 <210> SEQ ID NO: 1
21 <211> LENGTH: 638
22 <212> TYPE: DNA
23 <213> ORGANISM: Homo sapiens
25 <400> SEQUENCE: 1
26 gaattcggga acgcgccaca agcagcagct gctgagccat ggctgaaggg gaaatcacca       60
28 ccttcacagc cctgaccgag aagtttaatc tgcctccagg gaattacaag aagcccaaac      120
30 tcctctactg tagcaacggg ggccacttcc tgaggatcct tccggatggc acagtggatg      180
32 ggacaaggga caggagcgac cagcacattc agctgcagct cagtgcggaa agcgtggggg      240
34 aggtgtatat aaagagtacc gagactggcc agtacttggc catggacacc gacgggcttt      300
36 tatacggctc acagacacca aatgaggaat gtttgttcct ggaaaggctg gaggagaacc      360
38 attacaacac ctatatatcc aagaagcatg cagagaagaa ttggtttgtt ggcctcaaga      420
40 agaatgggag ctgcaaacgc ggtcctcgga ctcactatgg ccagaaagca atcttgtttc      480
42 tcccccctgcc agtctcttct gattaaagag atctgttctg gtgttgacca ctccagagaa      540
44 gtttcgaggg gtcctcacct ggttgacccc aaaaatgttc ccttgaccat tggctgcgct      600
46 aacccccagc ccacagagcc tgaatttgta agcaactt                             638
49 <210> SEQ ID NO: 2
50 <211> LENGTH: 154
51 <212> TYPE: PRT
52 <213> ORGANISM: Homo sapiens
54 <400> SEQUENCE: 2
56 Ala Glu Gly Glu Ile Thr Thr Phe Thr Ala Leu Thr Glu Lys Phe Asn
57 1               5                   10                  15
60 Leu Pro Pro Gly Asn Tyr Lys Lys Pro Lys Leu Leu Tyr Cys Ser Asn
61             20                  25                  30
64 Gly Gly His Phe Leu Arg Ile Leu Pro Asp Gly Thr Val Asp Gly Thr
65         35                  40                  45
68 Arg Asp Arg Ser Asp Gln His Ile Gln Leu Gln Leu Ser Ala Glu Ser
69     50                  55                  60
72 Val Gly Glu Val Tyr Ile Lys Ser Thr Glu Thr Gly Gln Tyr Leu Ala
73 65                  70                  75                  80
76 Met Asp Thr Asp Gly Leu Leu Tyr Gly Ser Gln Thr Pro Asn Glu Glu
```

```
77                  85              90              95
80 Cys Leu Phe Leu Glu Arg Leu Glu Glu Asn His Tyr Asn Thr Tyr Ile
81           100             105             110
84 Ser Lys Lys His Ala Glu Lys Asn Trp Phe Val Gly Leu Lys Lys Asn
85        115             120             125
88 Gly Ser Cys Lys Arg Gly Pro Arg Thr His Tyr Gly Gln Lys Ala Ile
89     130             135             140
92 Leu Phe Leu Pro Leu Pro Val Ser Ser Asp
93 145             150
96 <210> SEQ ID NO: 3
97 <211> LENGTH: 638
98 <212> TYPE: DNA
99 <213> ORGANISM: Homo sapiens
101 <400> SEQUENCE: 3
102 gaattcggga acgcgccaca agcagcagct gctgagccat ggctgaaggg gaaatcacca    60
104 ccttcacagc cctgaccgag aagtttaatc tgcctccagg gaattacaag aagcccaaac   120
106 tcctctactg tagcaacggg ggccacttcc tgaggatcct tccggatggc acagtggatg   180
108 ggacaaggga caggagcgac cagcacattc agctgcagct cagtgcggaa agcgtggggg   240
110 aggtgtatat aaagagtacc gagactggcc agtacttggc catggacacc gacgggcttt   300
112 tatacggctc acagacacca aatgaggaat gtttgttcct ggaaaggctg gaggagaacc   360
114 attacaacac ctatatatcc aagaagcatg cagagaagaa ttggtttgtt ggcctcaaga   420
116 agaatgggag ctgcaaacgc ggtcctaaaa ctcactatgg ccagaaagca atcttgtttc   480
118 tccccctgcc agtctcttct gattaaagag atctgttctg gtgttgacca ctccagagaa   540
120 gtttcgaggg gtcctcacct ggttgacccc aaaaatgttc ccttgaccat tggctgcgct   600
122 aacccccagc ccacagagcc tgaatttgta agcaactt                           638
125 <210> SEQ ID NO: 4
126 <211> LENGTH: 154
127 <212> TYPE: PRT
128 <213> ORGANISM: Homo sapiens
130 <400> SEQUENCE: 4
132 Ala Glu Gly Glu Ile Thr Thr Phe Thr Ala Leu Thr Glu Lys Phe Asn
133 1               5               10              15
136 Leu Pro Pro Gly Asn Tyr Lys Lys Pro Lys Leu Leu Tyr Cys Ser Asn
137           20              25              30
140 Gly Gly His Phe Leu Arg Ile Leu Pro Asp Gly Thr Val Asp Gly Thr
141           35              40              45
144 Arg Asp Arg Ser Asp Gln His Ile Gln Leu Gln Leu Ser Ala Glu Ser
145     50              55              60
148 Val Gly Glu Val Tyr Ile Lys Ser Thr Glu Thr Gly Gln Tyr Leu Ala
149 65              70              75              80
152 Met Asp Thr Asp Gly Leu Leu Tyr Gly Ser Gln Thr Pro Asn Glu Glu
153           85              90              95
156 Cys Leu Phe Leu Glu Arg Leu Glu Glu Asn His Tyr Asn Thr Tyr Ile
157           100             105             110
160 Ser Lys Lys His Ala Glu Lys Asn Trp Phe Val Gly Leu Lys Lys Asn
161           115             120             125
164 Gly Ser Cys Lys Arg Gly Pro Arg Thr His Tyr Gly Gln Lys Ala Ile
165     130             135             140
168 Leu Phe Leu Pro Leu Pro Val Ser Ser Asp
```

RAW SEQUENCE LISTING   DATE: 03/13/2002
PATENT APPLICATION: US/10/022,554A   TIME: 09:27:40

Input Set : **A:\PTO.VSK.txt**
Output Set: **N:\CRF3\03132002\J022554A.raw**

```
169 145                   150
172 <210> SEQ ID NO: 5
173 <211> LENGTH: 31
174 <212> TYPE: DNA
175 <213> ORGANISM: Artificial Sequence
177 <220> FEATURE:
178 <223> OTHER INFORMATION: PCR primer
180 <400> SEQUENCE: 5
181 caaacgcggt cctcggactc actatggcca g                          31
184 <210> SEQ ID NO: 6
185 <211> LENGTH: 10
186 <212> TYPE: PRT
187 <213> ORGANISM: Artificial Sequence
189 <220> FEATURE:
190 <223> OTHER INFORMATION: Amino acid encoded by PCR primer
192 <400> SEQUENCE: 6
194 Lys Arg Gly Pro Arg Thr His Tyr Gly Gln
195 1               5                   10
198 <210> SEQ ID NO: 7
199 <211> LENGTH: 31
200 <212> TYPE: DNA
201 <213> ORGANISM: Artificial Sequence
203 <220> FEATURE:
204 <223> OTHER INFORMATION: PCR primer
206 <400> SEQUENCE: 7
207 caaacgcggt cctaaaactc actatggcca g                          31
210 <210> SEQ ID NO: 8
211 <211> LENGTH: 10
212 <212> TYPE: PRT
213 <213> ORGANISM: Artificial Sequence
215 <220> FEATURE:
216 <223> OTHER INFORMATION: PCR primer
218 <400> SEQUENCE: 8
220 Lys Arg Gly Pro Arg Thr His Tyr Gly Gln
221 1               5                   10
```

RAW SEQUENCE LISTING ERROR SUMMARY   DATE: 03/13/2002
PATENT APPLICATION: US/10/022,554A   TIME: 09:27:41

Input Set : **A:\PTO.VSK.txt**
Output Set: **N:\CRF3\03132002\J022554A.raw**

<u>**Invalid Line Length:**</u>
The rules require that a line not exceed 72 characters in length. This includes spaces.

Seq#:1; Line(s) 8

VERIFICATION SUMMARY   DATE: 03/13/2002
PATENT APPLICATION: US/10/022,554A   TIME: 09:27:41

Input Set : **A:\PTO.VSK.txt**
Output Set: **N:\CRF3\03132002\J022554A.raw**